Contents

Introduction 6



Principles and Processes 10 1. Ideas Generation 12 2. Research and the Pre-production 19 Process 74 3. Technique 4. The Animator as Interpreter 82 5. The Animator as Performer 94 6. The Animator as Editor 97 7. The Animator as Director 100



Applications and Outcomes	102
8. Drawn and Cel Animation	104
9. 3D Stop-motion Animation	122
10. Animation for Children	141
11. Clay Animation	145
12. Digital Animation	151
13. Alternative Methods	180
14. Animated Documentary	193



Contexts	198
15. Post-production	200
16. Critical Evaluation	206
17. Portfolio	210
18. Collaboration	217
19. Working as an Independent	221
20. Postgraduate Opportunities	226
21. Making an Independent Film	229
22. Screening Opportunities	233

Bibliography and Webography	240
Index	243
Acknowledgements and Credits	247